

Sea Level Station List –November 2009

COUNTRY	STATION	MSL*	FAST** Month/Year	GPS***
ARGENTINA	ESPERANZA	1998	2005	
	MAR DEL PLATA	2008	1/2009	Yes
	PUERTO DESEADO	2002		Yes
	PUERTO MADRYN	2000		
	USHUAIA	2006	2006	
AUSTRALIA	BOOBY IS.	2008	10/2009	
	BRISBANE	2008	10/2009	
	BROOME	2008	10/2009	
	BUNDABERG	2008	10/2009	
	CARNARVON	2008	2005	
	CASEY	2004	2006	Yes
	CHRISTMAS IS.	1991	10/2009	
	COCOS IS.(KEELING)	2008	10/2009	Yes
	DARWIN	2008	10/2009	
	DAVIS	2004	2006	Yes
	ESPERANCE	2008	10/2009	
	FREMANTLE	2008	8/2009	Yes
	LORD HOWE IS.	2008	2006	
	MACQUARIE IS.	2004	2008	Yes
	MAWSON	2004	2006	Yes
	NORFOLK IS.	2008		
	PORT HEDLAND	2008	2005	
	PORTLAND	2008	10/2009	
	SPRING BAY	2008	10/2009	
	FORT DENISON	2008	10/2009	Yes
	THEVENARD	2008	10/2009	
	TOWNSVILLE	2008	10/2009	Yes
BAHAMAS	EXUMA	1993		
	SETTLEMENT POINT	2003	10/2009	
BANGLADASH	CHITTAGONG	2000	10/2009	
BELAU	MALAKAL	2003	10/2009	
BRAZIL	CANANEIA	2006	2007	Yes
	FERNANDO DE NORONHA	1993		
	FORTALEZA		10/2009	Yes
	ILHA FISCAL		9/2009	
	PONTA DA MADEIRA	2008		
	PORTO DE NATAL	1985		
	PORTO DE RIO GRANDE	2003		

	PORTO DE SANTANA	1984		
	RIO DE JANEIRO	2007		
	SALVADOR		10/2009	Yes
	TRINIDADE IS.	1983		
CANADA	ALERT		6/2009	Yes
	BASQUES		10/2009	
	CHURCHILL		10/2009	Yes
	HALIFAX	2008	10/2009	Yes
	LITTLE CORNWALLIS IS.	1994		
	NAIN	2008	9/2009	Yes
	PRINCE RUPERT	2008	10/2009	Yes
	ST. JOHNS, NEWFLND.	2008	10/2009	Yes
	TOFINO	2008	10/2009	Yes
CAPE VERDE	PALMIRIA	2001	10/2009	Yes
CHILE	ANTOFAGASTA	2006	10/2009	
	ARICA		10/2009	
	CALDERA		10/2009	
	CAPTAIN PRAT	2002		
	DIEGO RAMIREZ	1997		
	JUAN FERNANDEZ IS.	2006	10/2009	
	PASCUA IS (EASTER IS)	2006	10/2009	Yes
	PUERTO MONTT	2006	10/2009	
	SAN FELIX IS.	2006	10/2009	
	VALPARISO	2006	10/2009	Yes
CHINA, P.R.	KANMEN	2007		
	LAOHUTAN (DALIAN)	2007		
	LUSI	2007		
	QUARRY BAY, HONG KONG	2007	10/2009	Yes
	XIAMEN	2007		Yes
	ZHAPO	2007		
COLOMBIA	BUENAVENTURA	2000		
	CARTAGENA	2000		Yes
	TUMACO	2000		
CONGO	POINTE NORIE	1988	10/2009	
COOK ISLANDS	PENRHYN	2003	10/2009	
	RAROTONGA	2007	10/2009	
COSTA RICA	QUEPOS	1994	1995	
COTE D'IVOIRE	ABIDJAN	1988		

CUBA	CABO SAN ANTONIO	2007		
	GIBARA	2007		
	SIBONEY	2005		
DJIBOUTI	DJIBOUTI	1972	10/2009	
DENMARK	ANMAGSSALIK	1999		
	GODTHAB/NUUK	2002		
	TORSHAVN, FAEROES	2006		
ECUADOR	BALTRA, GALAPAGOS IS.	2004	10/2009	Yes
	LA LIBERTAD	2003	2008	Yes
	SANTA CRUZ, GALAPAGOS		10/2009	
FIJI	LAUTOKA		10/2009	Yes
	SUVA	2007	10/2009	Yes
FRANCE	BREST	2008	10/2009	Yes
	CAYENNE, F.G.	1996		
	CLIPPERTON IS.	1998		
	CROZET	2000	2001	
	DUMONT D'URVILLE		10/2009	Yes
	DZAOUDI (MAYOTTE)	2008	10/2009	
	Fort De France, Martinique		10/2009	
	ILES DU SALUT		10/2009	
	KERGUELEN IS.	2000	10/2009	Yes
	LE ROBERT, MARTINIQUE	1984		
	MARSEILLE	2008	3/2009	Yes
	NUKU HIVA, MARQUESAS	1997	10/2009	
	PAPEETE, TAHITI	2002	10/2009	Yes
	REUNION, PTE DES GALETS		10/2009	
	RIKITEA, GAMBIER IS.	2003	10/2009	Yes
	ST. PAUL IS.	2000	2006	
GERMANY	CUXHAVEN	2006	10/2009	Yes
GREENLAND	QAQORPTOQ		10/2009	Yes
	SCORESBYSUND		10/2009	Yes
	THULE		10/2009	Yes
GHANA	TEMA (TOKORADI)	1982	9/2009	Yes
ICELAND	REYKJAVIK	2008	10/2009	Yes
INDIA	COCHIN	2006		Yes
	MADRAS	2006		
	MINICOY, LACCADIVE IS.	1977		Yes
	VERAVAL	1983		

	VISHAKHAPATNAM	2006		Yes
INDONESIA	AMBON	2004	9/2009	
	BENOA	2004	10/2009	
	MANADO (BITUNG)	2008	10/2009	
	CILACAP	2004	10/2009	
	LAMBAR		8/2009	
	MEULABOH		10/2009	Yes
	PADANG (TELU BAYUK)	1998	10/2009	
	PIRGI		10/2009	
	SABANG		6/2009	
	SAUMLAKI		10/2009	
	SIBOLGA		10/2009	
	SURABAYA	2004		
	TANJUNG LESUNG		10/2009	Yes
	TELUKDALAM(TEDA)		10/2009	Yes
IRAN	CHABHAR		10/2009	
IRELAND	CASTLETOWNSEND	1978	10/2009	Yes
	MALIN HEAD	2002	2008	Yes
ISRAEL	HADERA	2008	2007	Yes
JAMAICA	PORT ROYAL, KINGSTON	1969		
JAPAN	ABASHIRI	2008	10/2009	Yes
	ABURATSU	2008	10/2009	Yes
	CHICHIJIMA	2008	10/2009	Yes
	HAKODATE	2008	10/2009	Yes
	HAMADA	2008	10/2009	Yes
	ISHIGAKI		10/2009	
	KUSHIMOTO	2008	10/2009	Yes
	KUSHIRO	2008	10/2009	Yes
	MAISAKA		10/2009	
	MERA	2008	10/2009	Yes
	MINAMI-TORI-SHIMA	2008	10/2009	
	NAGASAKI	2008	10/2009	Yes
	NAHA	2008	10/2009	Yes
	NAKANO SIMA		8/2009	
	NASE		9/2009	
	NISHINOOMOTE		9/2009	
	OFUNATO	2008	10/2009	Yes
	SYOWA	2005	2007	Yes
	TOYAMA	2008	10/2009	Yes
	WAKKANAI	2008	10/2009	Yes
KENYA	LAMU		10/2009	

	MOMBASA	2008	10/2009	
KIRIBATI	BETIO		10/2009	
	CHRISTMAS IS.LINE IS.	2003	9/2009	
	KANTON IS	2001	10/2009	
	TARAWA,GILBERT IS.	2007		
KOREA, P. D. R.	WONSON	1992		
KOREA, Rep of	PUSAN	2008		
MALAYSIA	CINDERING/KUALA	2006		
	LANGKAWI		10/2009	
	PENKALAN/TLDM/LUMUT	2006		
MALDIVES	GAN	2008	10/2009	
	HANIMAADHOO		10/2009	
	HULHULE		10/2009	
	MALE	2003		
MARSHALL IS.	KWAJALEIN	2008	10/2009	
	MAJURO	2007	10/2009	Yes
MAURITIUS	PORT LOUIS	2008	10/2009	
	RODRIGUES	2007	10/2009	Yes
MAURITANIA	NOUAKCHOTT		8/2009	
MEXICO	ACAPULCO	2001	10/2009	
	CABO SAN LUCAS	2003	10/2009	
	ENSUNADA		9/2009	
	ISLA GUADALUPE	1985		
	MANZANILLO	2001	10/2009	Yes
	PROGRESO	1990		
	PUERTO ANGEL	1986		
	VERACRUZ	2007		
	SOCORRO IS	1997		
MICRONESIA	KAPINGAMARANGI	2008	3/2009	
	POHNPEI	2004	10/2009	Yes
	TRUK	1995		
	YAP	2004	11/2009	
MOZAMBIQUE	INHAMBANE	1995	10/2009	
	PEMBA	2008	8/2009	
MYANMAR	MOULMEIN	1964	10/2009	
	SITTWE(Akyab)	1942	6/2009	

NAMIBIA	WALVIS BAY	2008	10/2009	
NAURU	NAURU, GILBERT IS.	2007	9/2009	Yes
NEW CALEDONIA	NOUMEA	2003	10/2009	Yes
NEW ZEALAND	AUCKLAND-WAITEMATA	2000		Yes
	BLUFF	2007	11/2009	
	CHATHAM IS.	2003	10/2009	Yes
	JACKSON		10/2009	
	WELLINGTON	2007	11/2009	Yes
N.MARIANA IS	SAIPAN	2003	10/2009	
NORWAY	ANDENES	2008	10/2009	Yes
	HONNINGSVAG	2008	10/2009	Yes
	MALOY	2008	10/2009	
	RORVIK	2008	10/2009	
	TREGDE	2008	10/2009	Yes
	VARDO	2008	10/2009	Yes
OMAN	SALALAH	2008	8/2009	
	MASIRAH		10/2009	
PAKISTAN	GWADAR	1987		
	KARACHI, MANORO IS.	2008	10/2009	
PANAMA	BALBOA	1997	1/2009	Yes
	CRISTOBAL		1/2009	
PAPUA N. GUINEA	LOMBRUM		10/2009	
	RABAL	1997		
PERU	CALLAO	2001	8/2008	
	LOBOS DE AFUERA		2007	
PHILIPPINES	DAVAO	2008	6/2009	
	JOLO	1996		
	LEGASPI	2008		
	MANILA	2008	10/2009	Yes
	SUBIC BAY		9/2009	
PORTUGAL	CASCAIS	1993	10/2009	Yes
	FLORES, AZORES	1996	2007	
	FUNCHAL, MADEIRA	2008	2007	Yes
	PONTA DELGADA, AZORES	2007	10/2009	Yes

RUSSIA	BARENTSBURG	2007		
	KALININGRAD	1986		
	MURMANSK	2007		
	NAGAEVO BAY	2007		
	PETROPAVLOVSK	2007		Yes
	PORT TUAPSE, BLACK SEA	2007		
	RUSSKAYA GAVAN	1993		
	YUZHNO KURILSK	1994		
SAO TOME	SAO TOME/PRINCIPE	1988	10/2009	Yes
SENEGAL	DAKAR	2008	10/2009	
SEYCHELLES	POINT LA RUE		10/2009	Yes
SINGAPORE	TANJONG PAGAR	2008	10/2009	
SOLOMON IS.	HONIARA	2007	10/2009	
SOUTH AFRICA	CAPE TOWN		9/2009	
	DURBAN	2008	9/2009	
	EAST LONDON		9/2009	
	KNYSNA		9/2009	
	LUDERITZ		9/2009	
	MARION		9/2009	Yes
	MOSSEL BAY		9/2009	
	PORT ELIZABETH	2008	9/2009	
	PORT NOLLOTH		9/2009	Yes
	RICHARD'S BAY		9/2009	Yes
	SALDAHNA BAY		9/2009	
	SIMONSTOWN (BAY)	2008	9/2009	Yes
SPAIN	CEUTA (SP. N. AFRICA)	2008	10/2009	Yes
	LA CORUNA	2008	10/2009	Yes
	LAS PALMAS, CANARY IS.	2008	9/2009	
SRI LANKA	COLOMBO	1992	10/2009	
SWEDEN	GOTHENBERG	2008	10/2009	Yes
	SMOGEN		10/2009	Yes
	STOCKHOLM		10/2009	Yes
TANZANIA	MTWARA	1962		
	ZANZIBAR	2004	10/2009	
THAILAND	KO LAK	2008	6/2009	Yes
	KO TAPHAO NOI	2008	10/2009	
	KO MIANG		2002	

TONGA	NUKU'ALOFA		10/2009	
	TONGATAPU	2007		
TRINIDAD/TOBAGO	PORT OF SPAIN	1992		
TUVALU	FUNAFUTI, ELLICE IS.	2007	10/2009	
UNITED KINGDOM	ASCENSION	2008	10/2009	Yes
	BERMUDA, ST.GEORGES IS.	2008	10/2009	Yes
	DIEGO-GARCIA IS.	2000	10/2009	Yes
	FARADAY	2008	10/2009	
	GIBRALTAR	2008	10/2009	Yes
	LERWICK	2008	10/2009	Yes
	NEWLYN	2008	10/2009	Yes
	STANLEY-FALKLANDS	2008	9/2009	Yes
	ST. HELENA	2006	2006	
	STORNOWAY	2008	10/2009	Yes
UNITED STATES	ADAK, ALEUTIAN IS.	2008	10/2009	
	ATLANTIC CITY		10/2009	Yes
	CHARLESTON, S.C.		10/2009	Yes
	CRESCENT CITY		10/2009	Yes
	DUTCH HARBOR, ALASKA		10/2009	
	DUCK, N.C.	2008	10/2009	Yes
	FORT PULASKI, GA.	2008	10/2009	Yes
	FRENCH FRIGATE SHOALS	2001	5/2009	
	GALVESTON (PIER 21)	2008	11/2009	
	GALVESTON P (PIER)		11/2009	Yes
	GUAM	2008	11/2009	Yes
	HILO, HAWAII, HAW.IS.	2008	11/2009	Yes
	HONOLULU	2008	11/2009	Yes
	JOHNSTON IS	2003	11/2009	
	KAHULUI, HAWAII		11/2009	
	KAUMALAPAU		10/2009	
	KETCHIKAN		10/2009	Yes
	KEY WEST	2008	10/2009	Yes
	KODIAK, ALASKA		10/2009	Yes
	LA JOLLA, SAN DIEGO	2008	10/2009	Yes
	MIAMI (HAULOVER PIER)	1992		Yes
	MIDWAY IS.	2008	11/2009	
	NAWILIWILI, HAWAII		11/2009	
	NEAT BAY		11/2009	Yes
	NEWPORT, RI.	2008	10/2009	Yes
	NOME	2008	10/2009	
	PAGO PAGO	2008	9/2009	Yes
	PENSACOLA, FLORIDA	2008	10/2009	Yes
	PRUDHOE BAY, ALASKA	2008	10/2009	

	SAN DIEGO		10/2009	Yes
	SAN FRANCISCO	2008	10/2009	Yes
	SAND POINT, ALASKA	2008	10/2009	
	SAN JUAN, PUERTO RICO	2008	10/2009	
	SEWARD, ALASKA	2008	10/2009	
	SITKA, ALASKA	2008	10/2009	
	SOUTH BEACH, OREGON	2008	11/2009	Yes
	UNALASKA, ALEUTIAN IS.	2008		Yes
	VENTNOR (ATLANTIC CITY)	2008		
	VIRGINIA KEY		10/2009	Yes
	WAKE IS. MARSHALL IS.	2008	11/2009	
	YAKUTAT BAY		10/2009	
URUGUAY	MONTEVIDEO	2008		
VANUATU	PORT VILA		10/2009	Yes
VIETNAM	QUINHON	2006	10/2009	
	VUNG TAU		10/2009	
YEMEN	ADEN	2008	10/2009	
* Stations not committed to GLOSS (but are listed in the GLOSS October 2009 summary) are not included in this summary unless data are being submitted to the FAST delivery center in Hawaii.				
http://ilikai.soest.hawaii.edu/uhs/c/woce.html				
** FAST delivery data posted by Hawaii as of 15 December 2009				
*** http://www.sonel.org/spip.php?page=cgps				